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City of Seattle Legislative Information Service

Information updated as of September 29, 2001 1:03 PM

Resolution Number: 30256

A RESOLUTION committing Seattle City Light to fully mitigate the greenhouse gases emitted pursuant to its power purchases from the Klamath Cogeneration Project.

Date introduced/referred: Oct 16, 2000
Date adopted: Oct 30, 2000
Status: Adopted
Vote: 9-0

Committee: Energy and Environmental Policy
Sponsor: WILLS

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Text

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A RESOLUTION committing Seattle City Light to fully mitigate the greenhouse gases emitted pursuant to its power purchases from the Klamath Cogeneration Project.

WHEREAS, Resolution 30144 of the City Council directs Seattle City Light to develop a plan to meet its electricity load with no net impact on greenhouse gases, and the Department is pursuing a work plan that will present the City Council in the second quarter of 2001 with policy choices for the City's approach to greenhouse gas mitigation; and

WHEREAS, the cost of greenhouse gas mitigation varies widely in price; and

WHEREAS, Council Bill Number 113446, currently before the City Council, would authorize Seattle City Light to enter into a power purchase contract with the City of Klamath Falls, Oregon, for a portion of the output of a natural gas fired cogeneration project owned by the City of Klamath Falls; and

WHEREAS, the Oregon Climate Trust Fund is scheduled to release a Request for Proposals for carbon mitigation program before the end of the year and Seattle City Light may benefit from; and

WHEREAS, the Klamath Cogeneration Project will undertake an innovative

carbon dioxide (greenhouse gas) mitigation strategy, consisting of a highly efficient combustion turbine, cogeneration, funding projects to encourage use of solar photovoltaics, geothermal district heating, capture of waste methane for electricity generation, reforestation, and funding other projects administered by the Oregon Climate Trust and participation in the Request for Proposals; and

WHEREAS, it is currently estimated that this strategy will result in offsets of 26% of carbon dioxide emissions compared to a standard combustion turbine (heat rate 7200 btu/kwh); and

WHEREAS, after mitigation by the Klamath Cogeneration Project, there will be approximately 272,727 tons of carbon dioxide emissions per year attributable to City Light's power purchase, assuming the plant runs at 100% capacity; and

WHEREAS, the Seattle City Council has directed City Light to fully mitigate the carbon dioxide emissions associated with its purchased energy for the Klamath Cogeneration Project; Now Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SEATTLE, THE MAYOR CONCURRING, THAT:

Section 1. Seattle City Light will fully mitigate or offset the carbon emissions associated with its purchase of power from the Klamath Cogeneration Project.

Section 2. Seattle City Light will proceed to discuss with Oregon Climate Trust the possibility of participation in their Request for Proposal for carbon mitigation programs. These programs would be directed to offset the CO produced from City Light's first year power purchases under the Klamath contract. Options that emerge from that Request for Proposal will be discussed with the Seattle City Council in a timely manner.

Section 3. Carbon mitigation will be done consistent with the policy direction that the Seattle City Council establishes in the summer of 2001, notwithstanding the opportunity presented by the Oregon Climate Trust Request for Proposal. Once this policy direction is established, City Light is encouraged to implement a plan to mitigate the greenhouse gases that result from the first year power purchases from the Klamath Cogeneration Project within the first year of energy delivery under that contract. The cost of such mitigation is currently estimated to cost roughly \$1.4 million per year if Seattle City Light were to expend \$5/ton of carbon dioxide for mitigation.

Section 4. Contractual commitments for further carbon mitigation resulting from purchases pursuant to the Klamath Cogeneration Project will be timed to offset as closely as possible the greenhouse gas emissions that result from purchases under the contract.

Adopted by the City Council the _____ day of _____, 2000, and signed by me in open session in authentication of its adoption this _____ day of _____, 2000.

President of the City Council

THE MAYOR CONCURRING:

Paul Schell, Mayor

Filed by me this ____ day of _____, 2000.

City Clerk

10/20/00

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